

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002023

A. CLASSIFICATION OF SUBJECT MATTER  
Int. Cl.<sup>7</sup> H04B7/26, H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int. Cl.<sup>7</sup> H04B7/26, H04Q7/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005  
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2004-23668 A (NEC Corp.), 05 February, 2004 (05.02.04), Page 7, line 34 to page 9, line 16; page 10, lines 42 to 45; Figs. 5, 6 & US 2004/137946 A & DE 10327552 A	1-10
Y	JP 2001-203634 A (NEC Corp.), 27 February, 2001 (27.07.01), Page 3, right column, line 43 to page 4, left column, line 34; page 4, right column, lines 2 to 8 (Family: none)	1-10

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search  
11 May, 2005 (11.05.05)

Date of mailing of the international search report  
24 May, 2005 (24.05.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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PCT/JP2005/002023

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2004-40661 A (Matsushita Electric Industrial Co., Ltd.), 05 February, 2004 (05.02.04), Page 4, lines 7 to 29 (Family: none)	1-10
A	JP 2004-32335 A (NEC Corp.), 29 January, 2004 (29.01.04), Page 11, line 18 to page 15, line 42; Figs. 4 to 8 & EP 1377088 A2 & US 2004/121724 A & CN 1469555 A	1-10
A	JP 2002-368684 A (Mitsubishi Electric Corp.), 20 December, 2002 (20.12.02), Page 5, left column, line 5 to page 9, right column, line 29 (Family: none)	1-10